AMENDMENTS TO THE CLAIMS

1-6. (Canceled)

7. (Currently amended) A composition for eliciting ~~or increasing the titer of~~ antibodies specific for a cell surface receptor antigen, comprising:

a) a first recombinant expression construct containing at least one promoter operably linked to a nucleic acid sequence encoding a cell surface receptor antigen ~~comprising a transmembrane domain and a cell surface receptor domain that binds to at least one of a cytokine, a chemokine or a growth factor~~, wherein the cell surface receptor antigen is selected from the group consisting of HER1, HER2, HER3 and HER4;

b) a second recombinant expression construct containing at least one promoter operably linked to a nucleic acid sequence encoding a first immune response altering molecule wherein said first immune response altering molecule comprises 4-1BB-ligand; and

c) a nucleic acid sequence encoding a second immune response altering molecule~~; wherein said first immune response molecule is 4-1BB-ligand and said second immune response altering molecule is~~ selected from the group consisting of CD80/B7.1 and CD86/B7.2.

8. (Canceled)

9. (Previously presented) The composition of Claim 7, wherein the second recombinant expression construct comprises the nucleic acid sequence encoding the second immune response altering molecule.

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10. (Previously presented) The composition of Claim 7, further comprising a third recombinant expression construct comprising the nucleic acid sequence encoding the second immune response altering molecule.

11-12. (Canceled)

13. (Currently amended) The composition of Claim 7 [[12]], wherein the cell surface receptor antigen is ~~selected from the group consisting of HER1,~~ HER2~~, HER3, HER4, epidermal growth factor receptor, vascular endothelial cell growth factor receptor, insulin-like growth factor I receptor, insulin-like growth factor II receptor, transferrin receptor, estrogen receptor, progesterone receptor, follicle stimulating hormone receptor, and retinoic acid receptor~~.

14. (Withdrawn) The composition of Claim 7, wherein the second immune response altering molecule is CD80/B7.1

15. (Previously presented) The composition of Claim 7, wherein the second immune response altering molecule is CD86/B7.2

16. (Previously presented) The composition of Claim 9, wherein the second recombinant expression construct further comprises an internal ribosome binding site (IRES) operably inserted between the 4-1BB-ligand and the second immune response molecule.

17. (Previously presented) The composition of Claim 7, wherein the at least one promoter in the second recombinant expression construct is the cytomegalovirus (CMV) promoter.

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18. (Previously presented) The composition of Claim 7, further comprising a pharmaceutically acceptable carrier for parenteral administration selected from the group consisting of water, saline, alcohol, a fat, a wax or a buffer.

19. (Previously presented) The composition of Claim 18, wherein the recombinant constructs comprise from 0.01% to 1% of the total weight of the composition.

20. (Previously presented) The composition of Claim 7, wherein the composition further comprises at least one cytokine, or nucleic acid encoding at least one cytokine selected from the group consisting of interleukin 4 (IL-4), interleukin-12 (IL-12), interleukin-17 (IL-17), and interferon-gamma (IFN-gamma).

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